

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043125.D
 Acq On : 15 Apr 2021 16:55
 Operator : SY/MD
 Sample : M1986-02DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 05:37:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 05:01:39 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

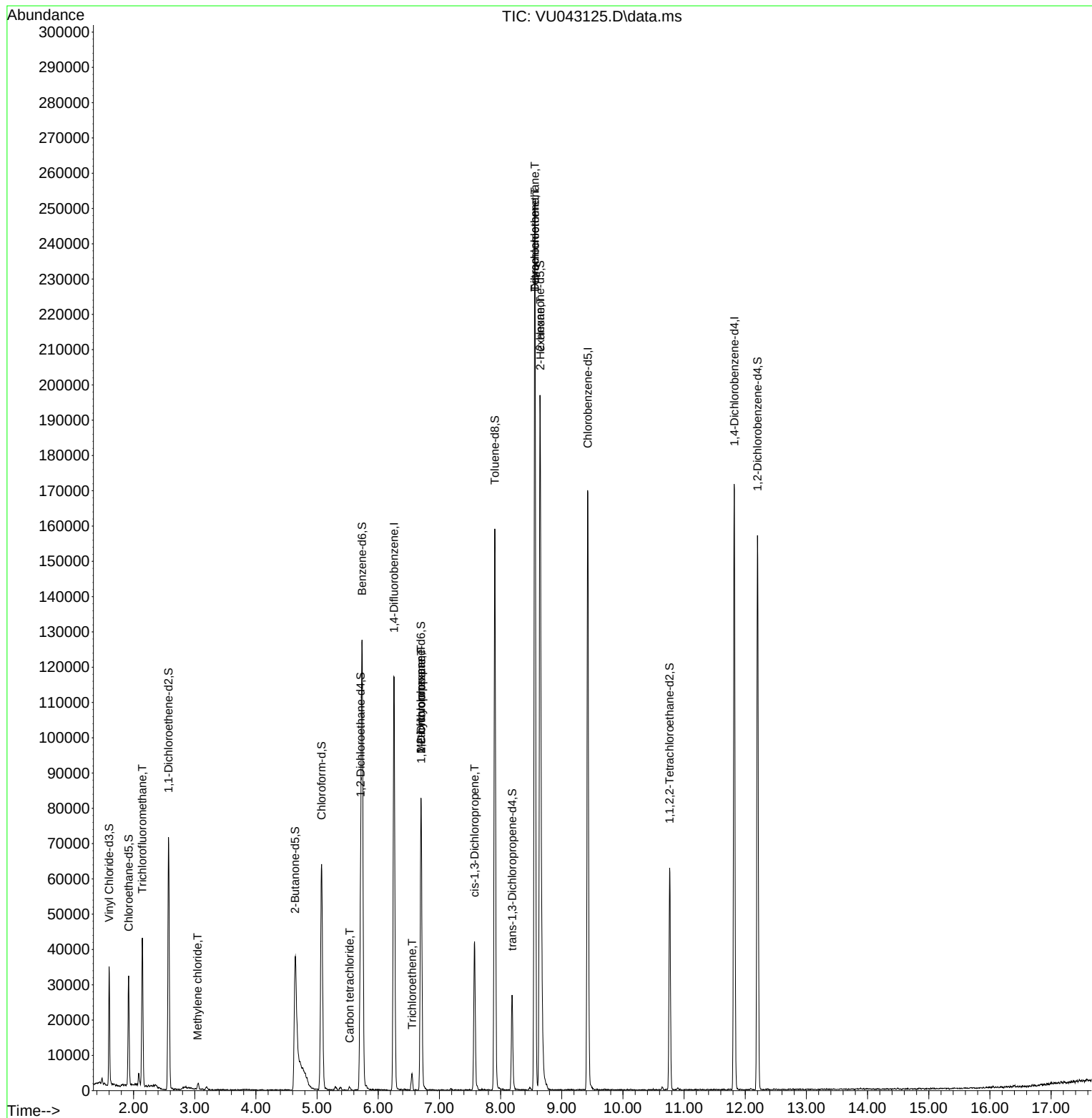
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	87213	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.427	117	86443	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	42828	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	22398	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.919	69	21193	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.571	65	13746	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.20%
20) 2-Butanone-d5	4.642	46	74415	38.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.52%
24) Chloroform-d	5.073	84	56905	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.713	65	37302	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.735	84	104344	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.700	67	34445	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.906	98	98219	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloroprop...	8.189	79	14075	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.645	63	74874	50.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.86%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	28665	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	38891	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.144	101	26212	2.45	ug/L	100
16) Methylene chloride	3.047	84	768	0.12	ug/L	86
31) Carbon tetrachloride	5.533	117	668	0.08	ug/L	97
34) Trichloroethene	6.552	95	1456	0.23	ug/L	83
35) Methylcyclohexane	6.700	83	8302	0.94	ug/L #	19
37) 1,2-Dichloropropane	6.703	63	4179	0.64	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1110	0.12	ug/L #	78
47) Tetrachloroethene	8.562	164	53334	10.57	ug/L	96
48) 2-Hexanone	8.648	43	11991	2.80	ug/L #	62
49) Dibromochloromethane	8.562	129	47578	7.75	ug/L #	9

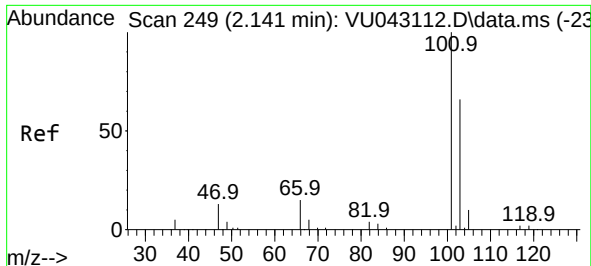
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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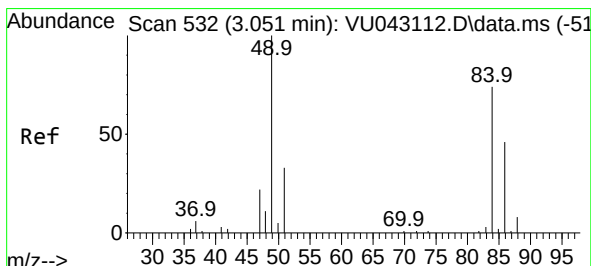
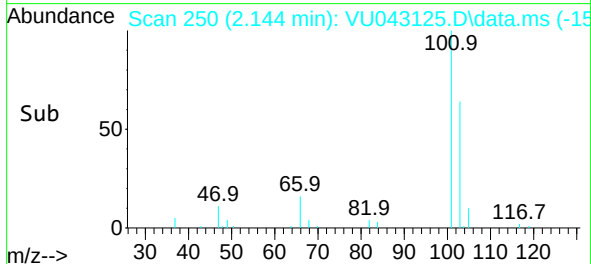
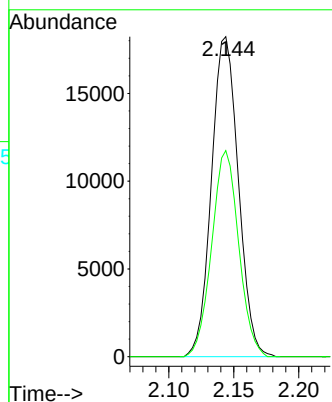
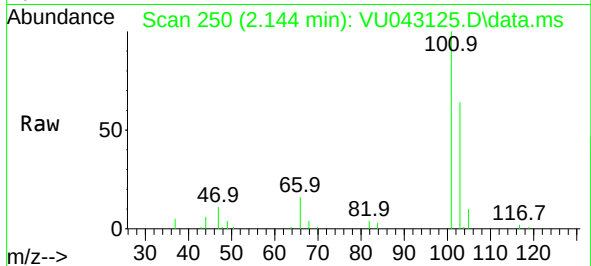




#9
Trichlorofluoromethane
Concen: 2.45 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU043125.D
Acq: 15 Apr 2021 16:55

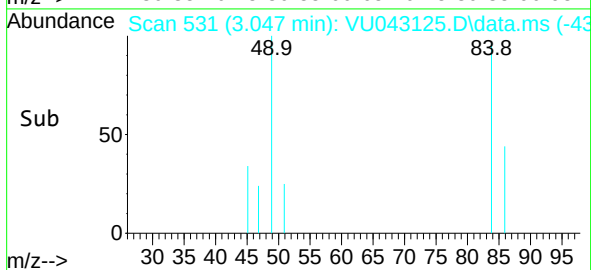
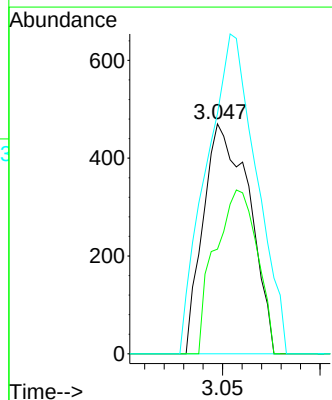
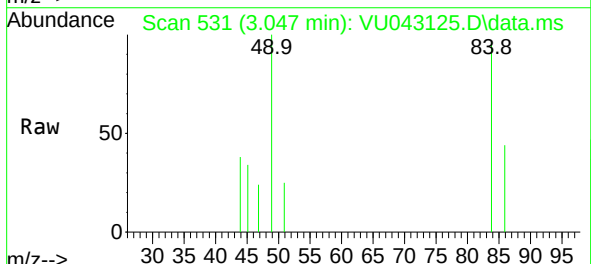
Instrument :
MSVOA_U
ClientSampleId :

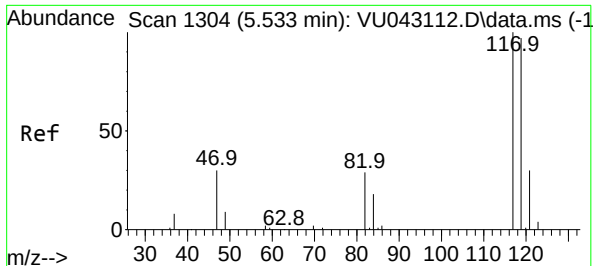
Tgt Ion:101 Resp: 26212
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3



#16
Methylene chloride
Concen: 0.12 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.003 min
Lab File: VU043125.D
Acq: 15 Apr 2021 16:55

Tgt Ion: 84 Resp: 768
Ion Ratio Lower Upper
84 100
86 45.5 44.9 83.5
49 104.5 79.0 146.8

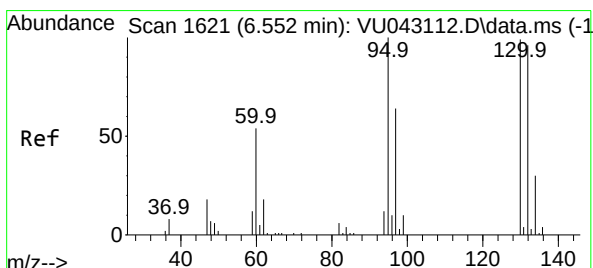
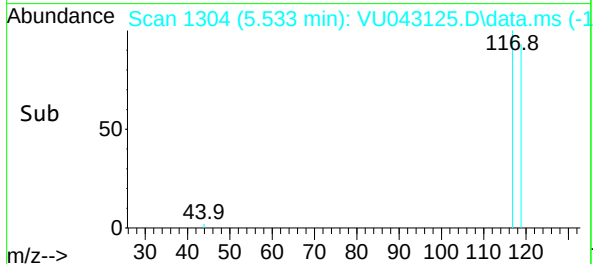
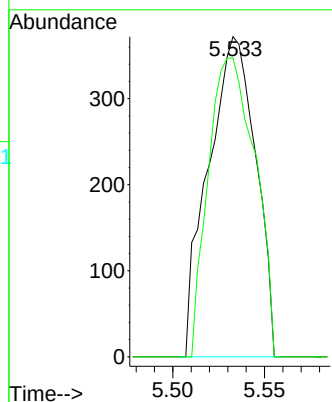
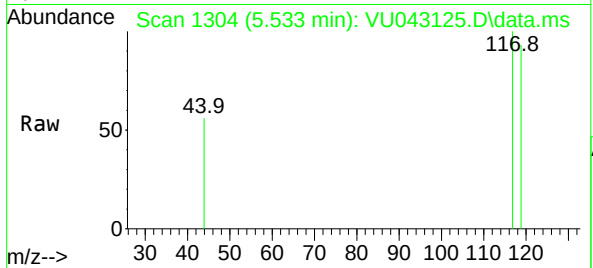




#31
Carbon tetrachloride
Concen: 0.08 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043125.D
Acq: 15 Apr 2021 16:55

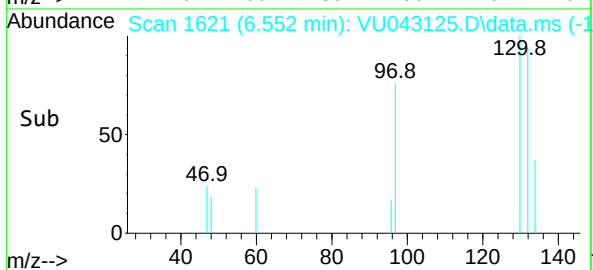
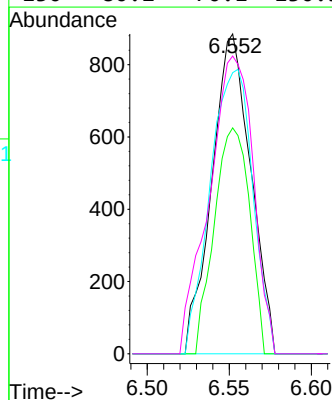
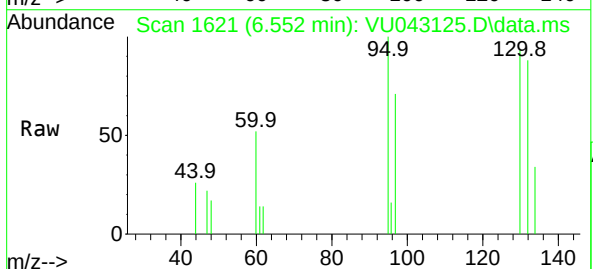
Instrument :
MSVOA_U
ClientSampled :

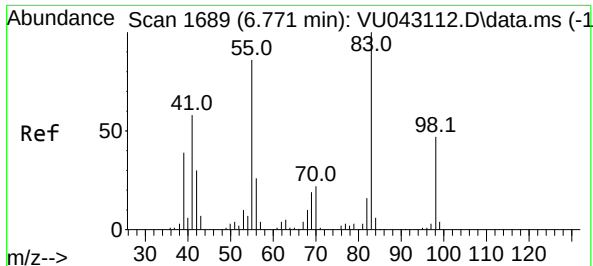
Tgt Ion:117 Resp: 668
Ion Ratio Lower Upper
117 100
119 92.1 76.2 114.4



#34
Trichloroethene
Concen: 0.23 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU043125.D
Acq: 15 Apr 2021 16:55

Tgt Ion: 95 Resp: 1456
Ion Ratio Lower Upper
95 100
97 60.9 45.8 85.2
132 75.8 68.7 127.7
130 80.2 70.1 130.3





#35

Methylcyclohexane

Concen: 0.94 ug/L

RT: 6.700 min Scan# 1667

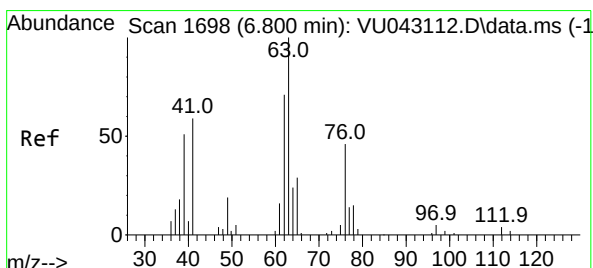
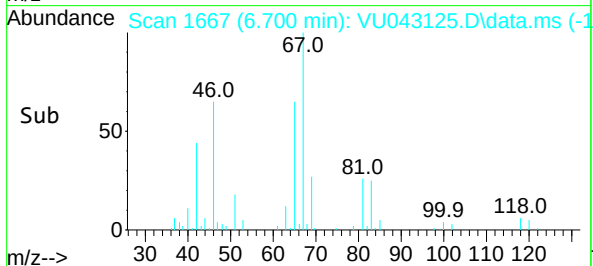
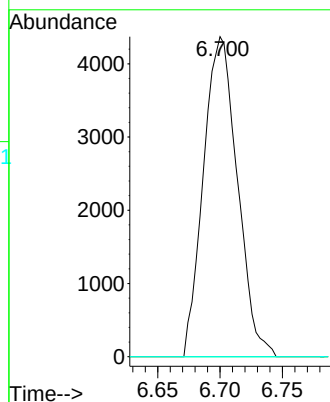
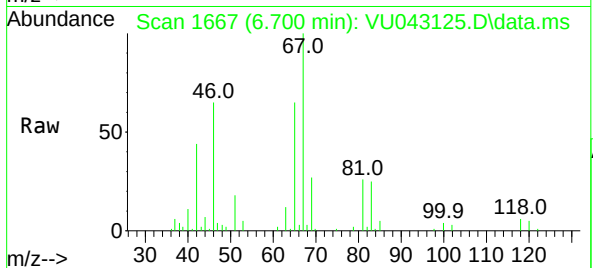
Delta R.T. -0.071 min

Lab File: VU043125.D

Acq: 15 Apr 2021 16:55

Tgt Ion:	83	Resp:	8302
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.0	37.9	56.9#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.64 ug/L

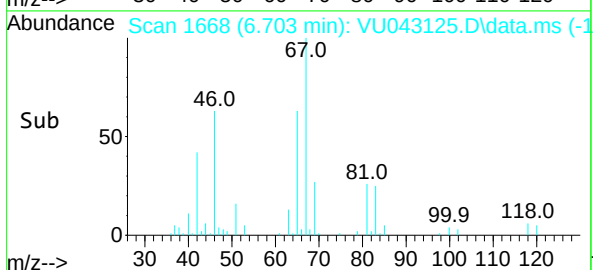
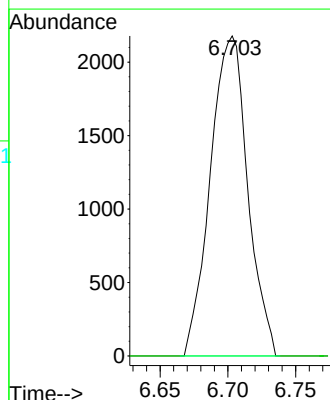
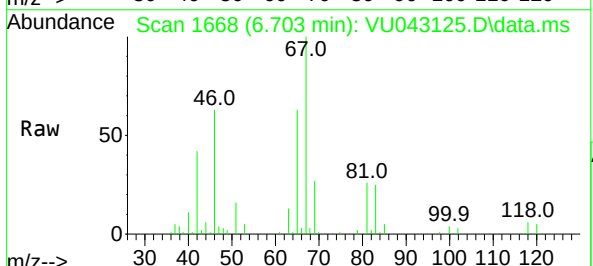
RT: 6.703 min Scan# 1668

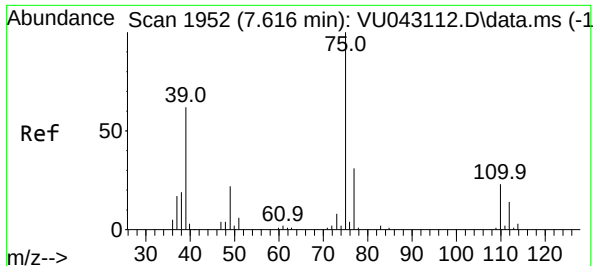
Delta R.T. -0.097 min

Lab File: VU043125.D

Acq: 15 Apr 2021 16:55

Tgt Ion:	63	Resp:	4179
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

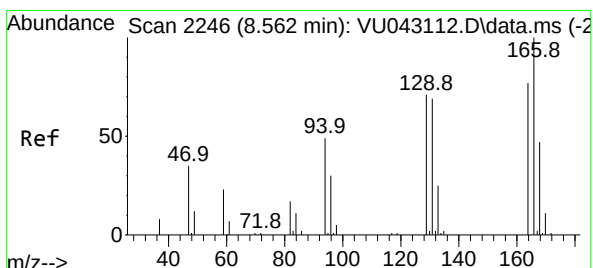
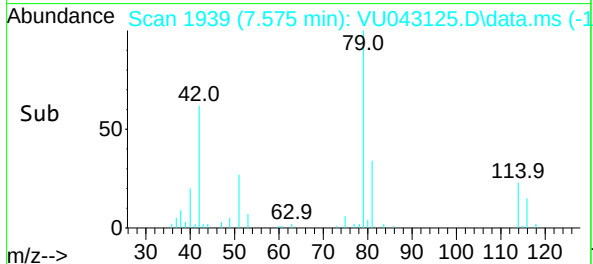
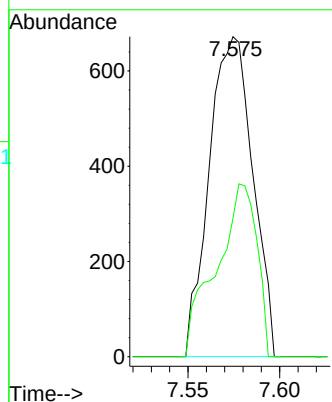
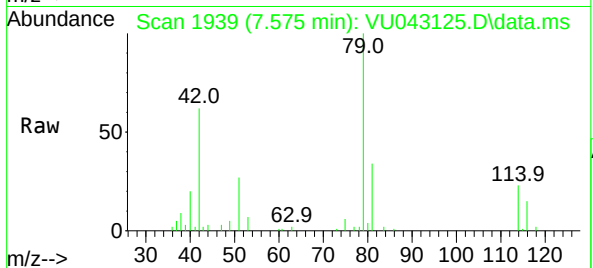




#39
 cis-1,3-Dichloropropene
 Concen: 0.12 ug/L
 RT: 7.575 min Scan# 1939
 Delta R.T. -0.042 min
 Lab File: VU043125.D
 Acq: 15 Apr 2021 16:55

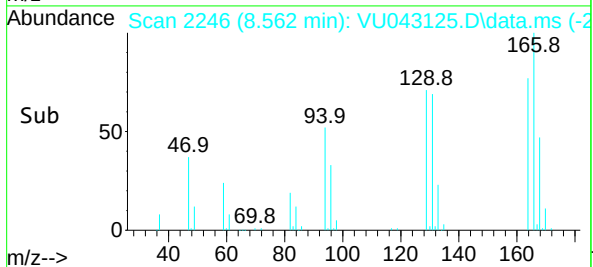
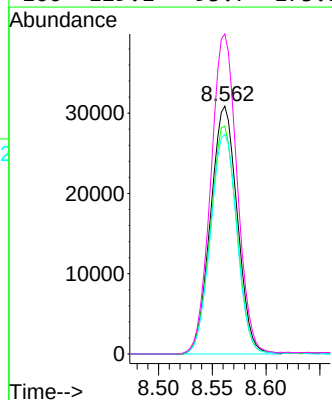
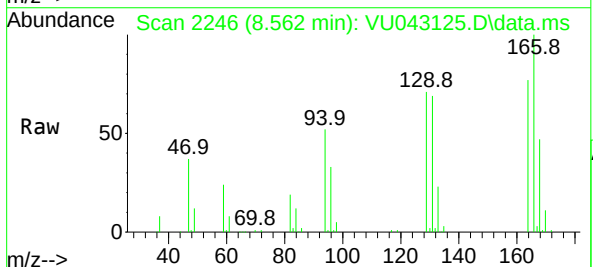
Instrument :
 MSVOA_U
 ClientSampleId :

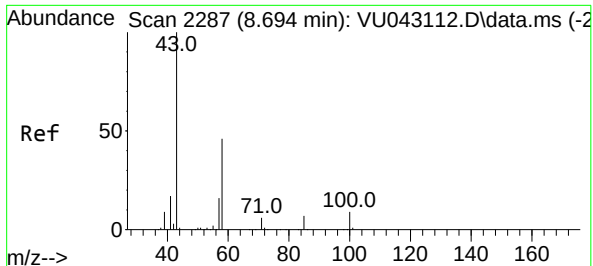
Tgt Ion: 75 Resp: 1110
 Ion Ratio Lower Upper
 75 100
 77 43.3 21.8 40.6#



#47
 Tetrachloroethene
 Concen: 10.57 ug/L
 RT: 8.562 min Scan# 2246
 Delta R.T. -0.000 min
 Lab File: VU043125.D
 Acq: 15 Apr 2021 16:55

Tgt Ion: 164 Resp: 53334
 Ion Ratio Lower Upper
 164 100
 129 91.9 66.6 123.8
 131 88.5 65.9 122.3
 166 129.1 93.7 173.9

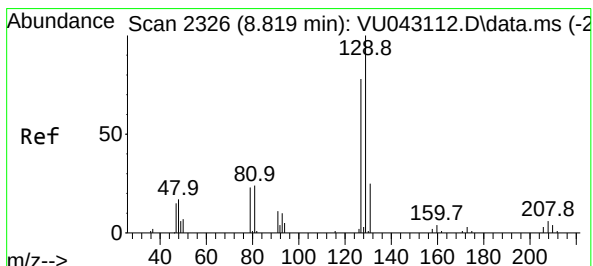
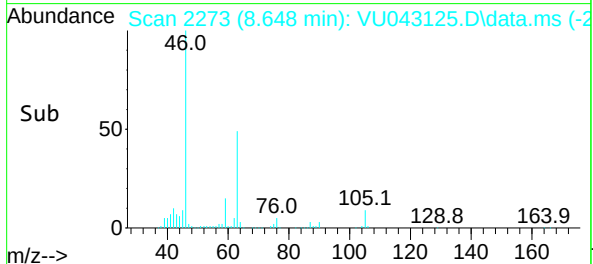
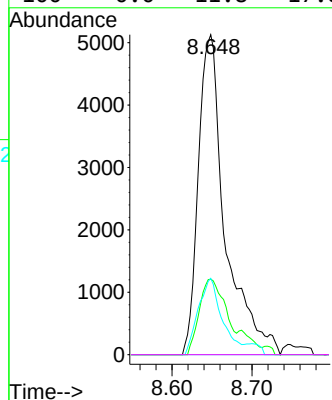
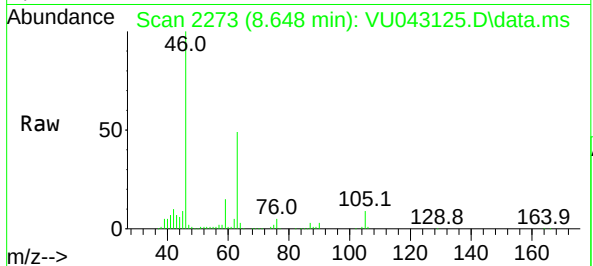




#48
2-Hexanone
Concen: 2.80 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.045 min
Lab File: VU043125.D
Acq: 15 Apr 2021 16:55

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 43	Resp: 11991
Ion Ratio	Lower Upper
43 100	
58 23.1	50.0 75.0#
57 21.3	17.4 26.0
100 0.0	11.8 17.8#



#49
Dibromochloromethane
Concen: 7.75 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043125.D
Acq: 15 Apr 2021 16:55

Tgt Ion: 129	Resp: 47578
Ion Ratio	Lower Upper
129 100	
127 0.0	56.6 105.2#

